

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

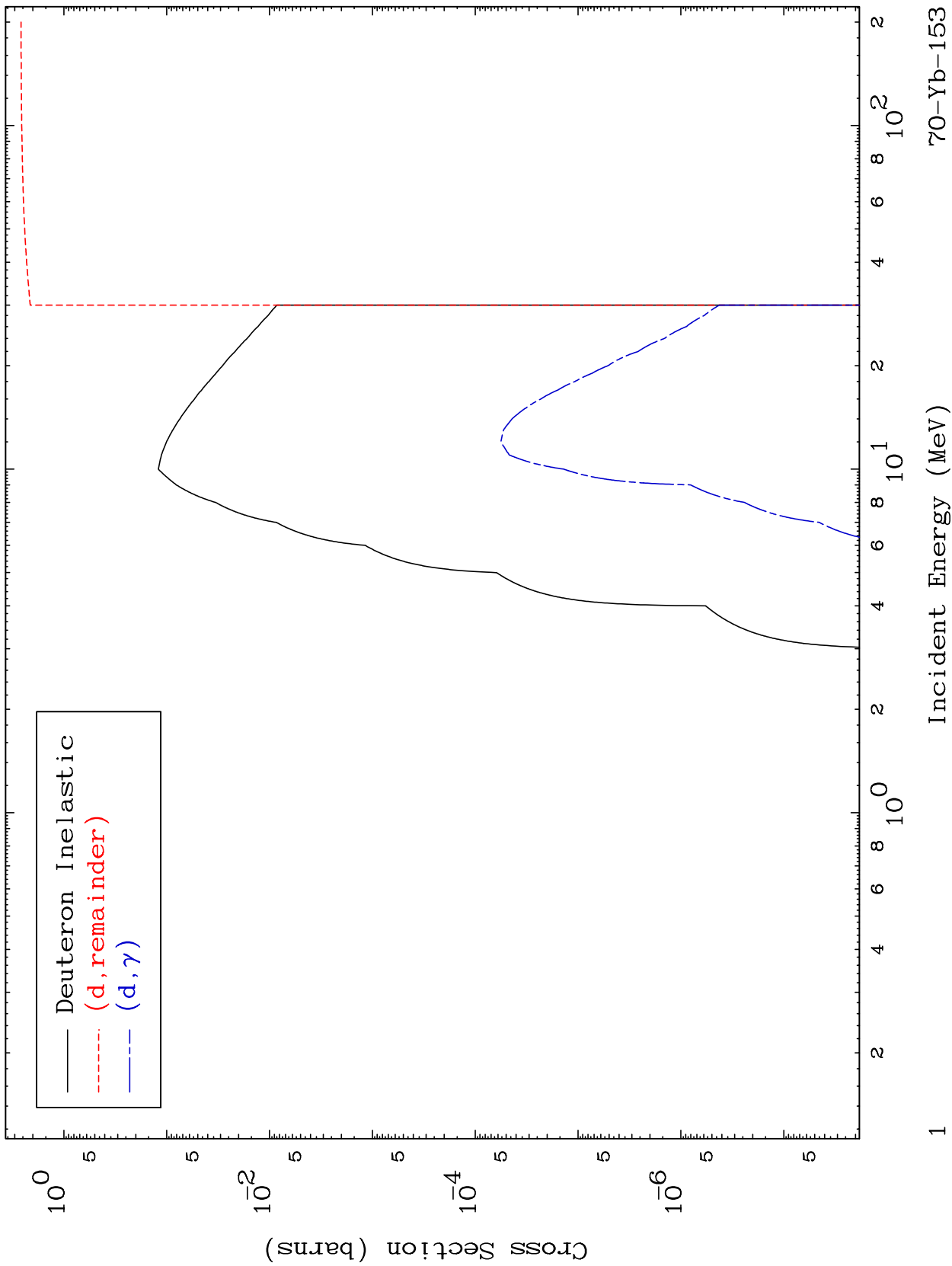
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1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

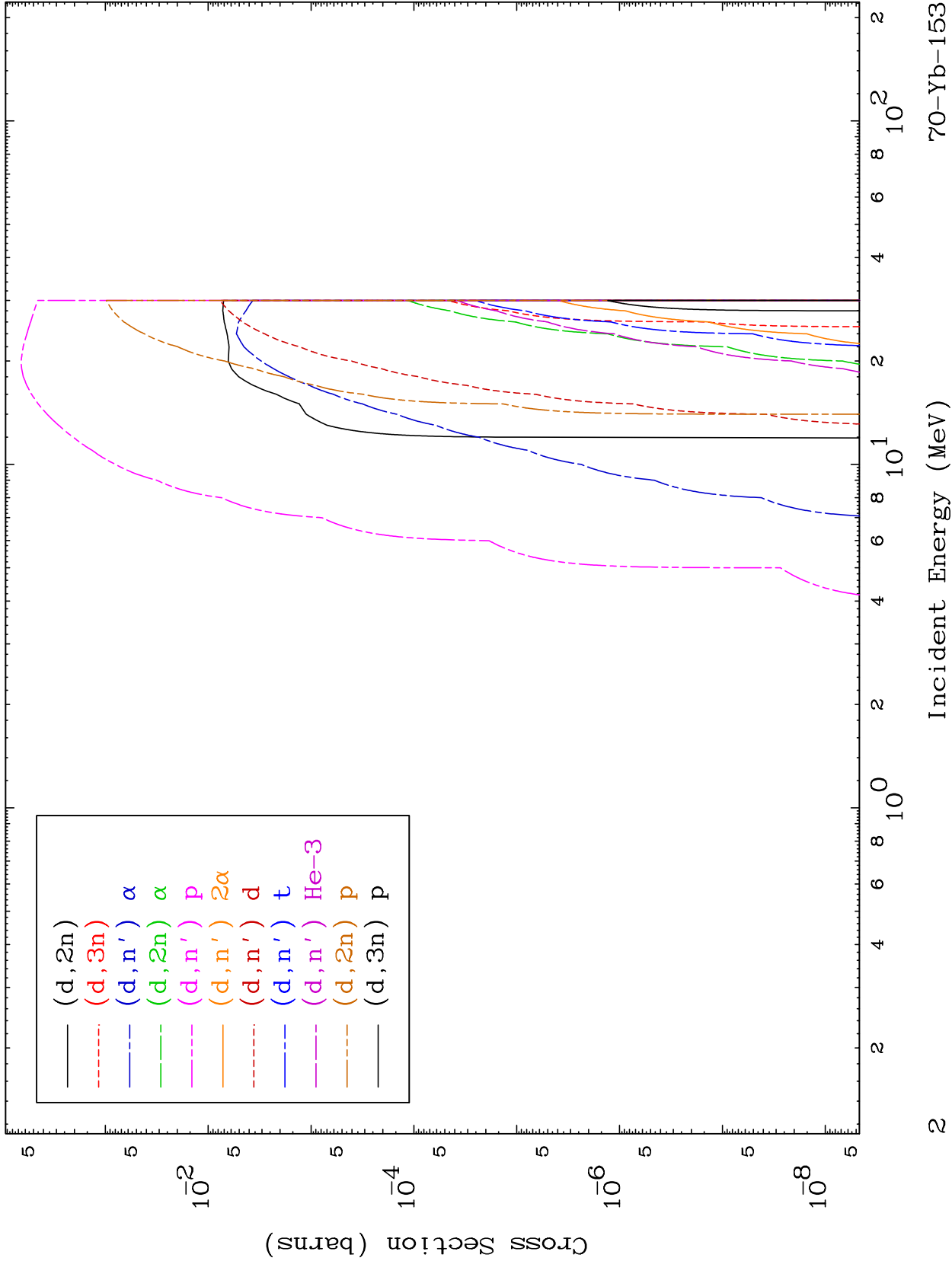
Tele: 925-443-1911

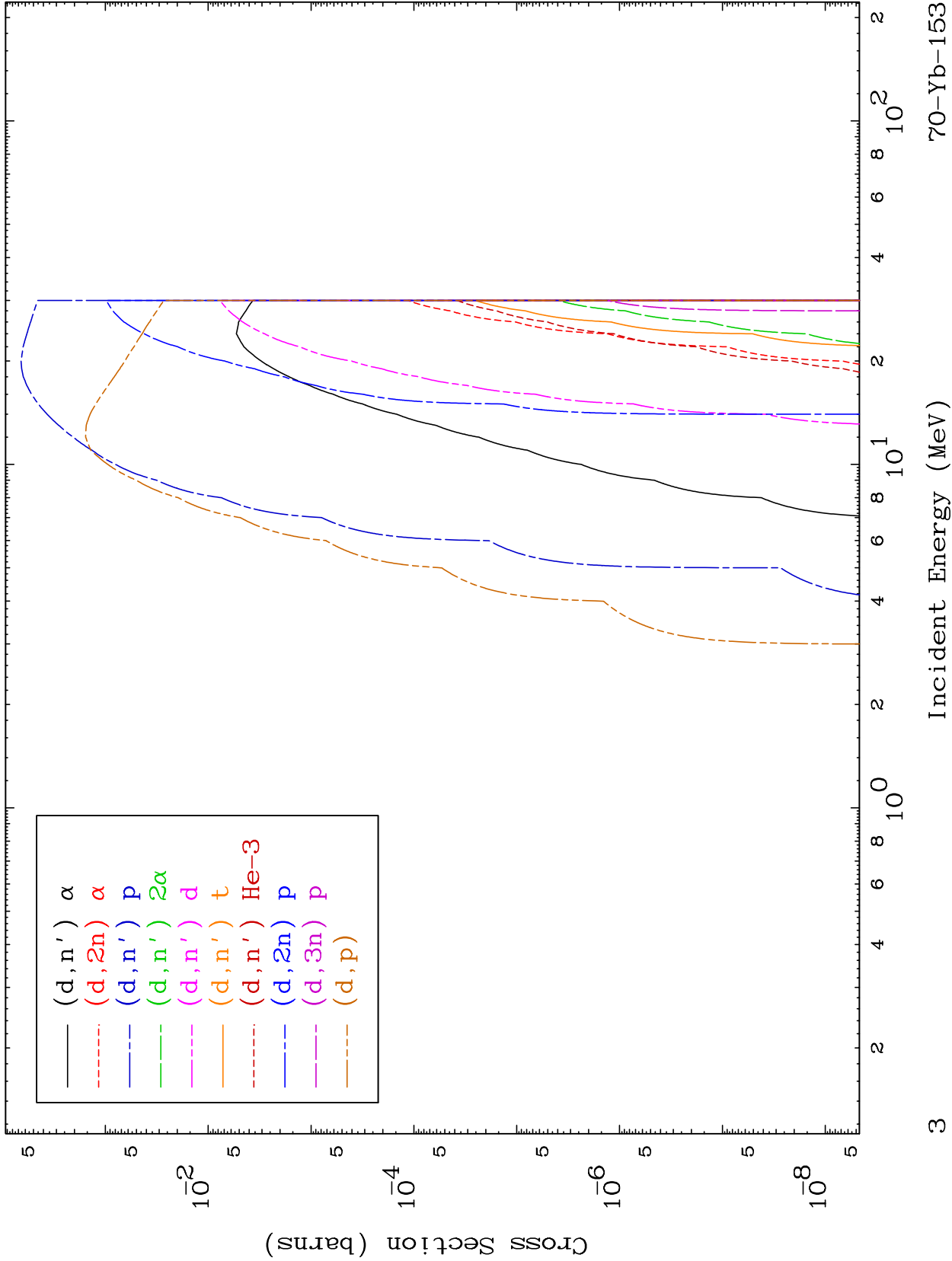
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

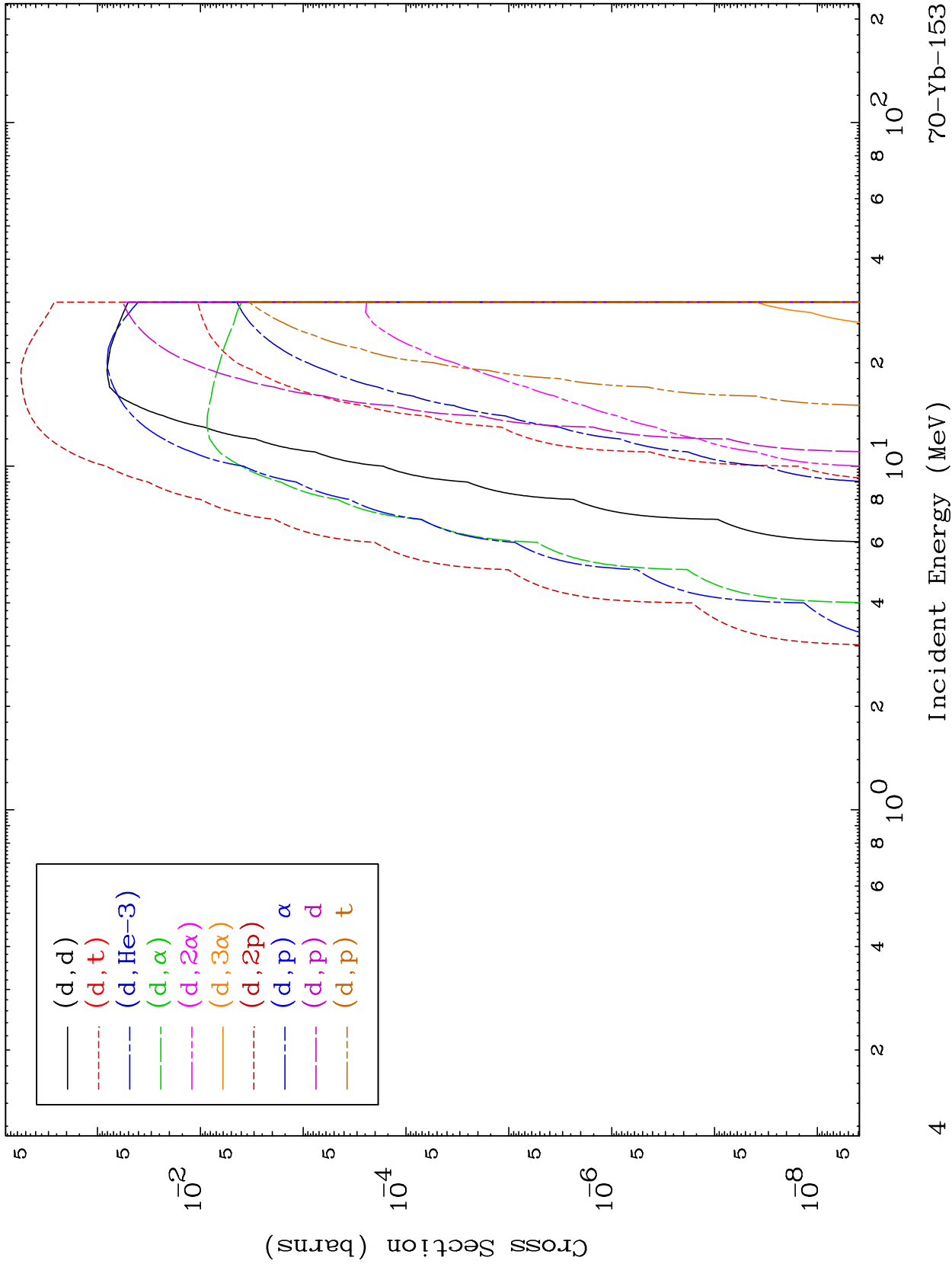
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start







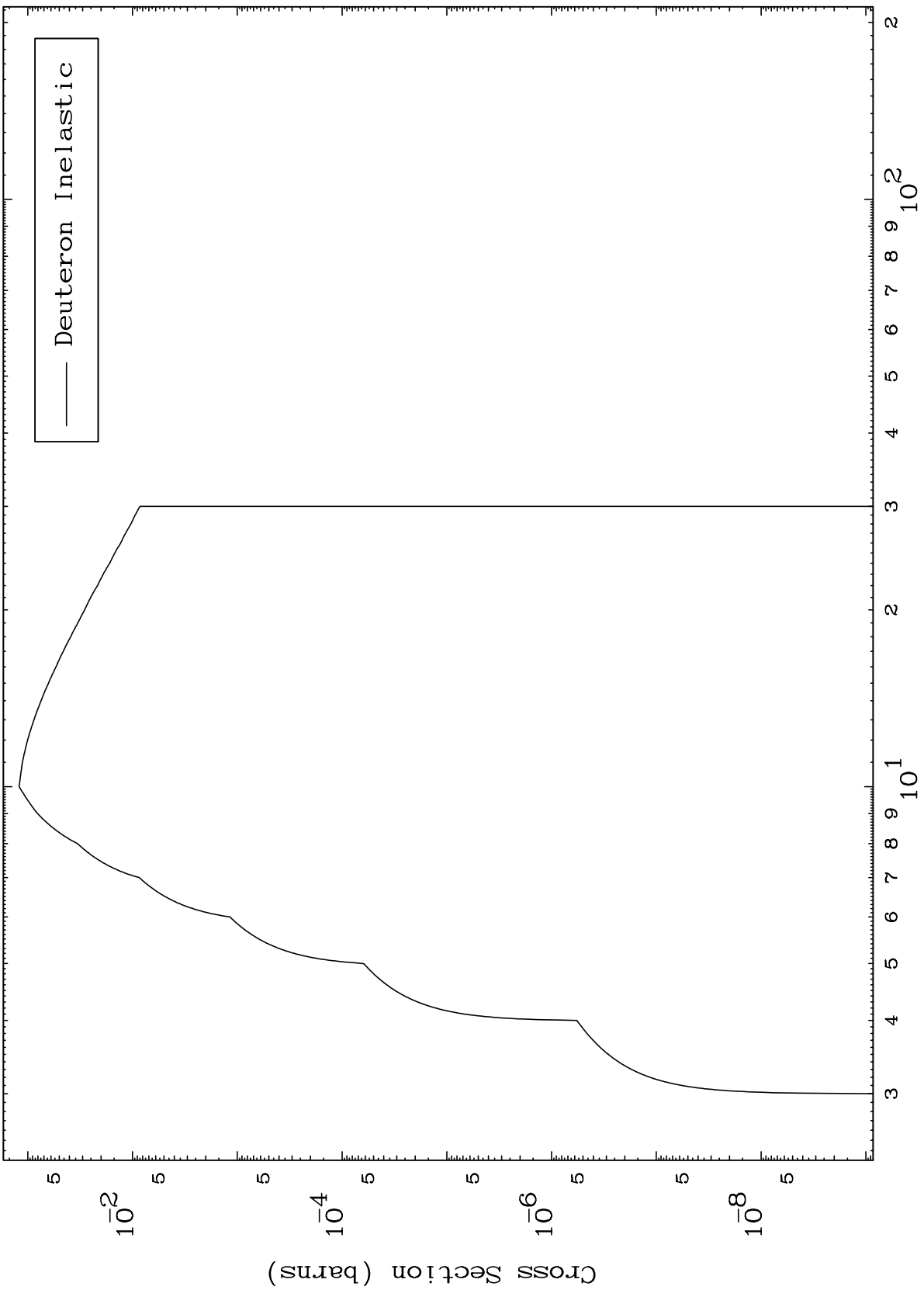


MAT 6980

(d,n') Level

70-Yb-153

0 Kelvin Cross Sections



5

Incident Energy (MeV)

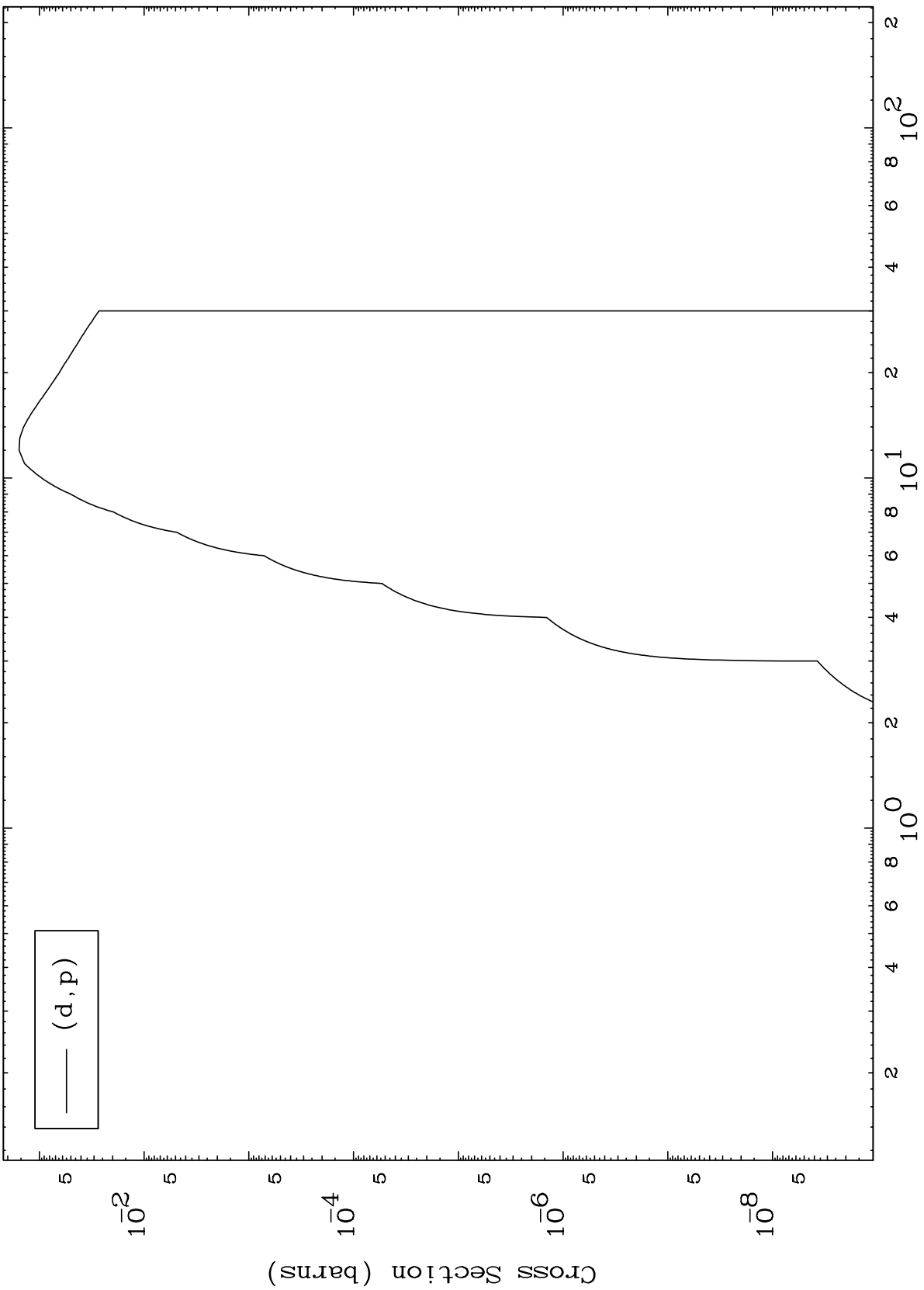
70-Yb-153

MAT 6980

(d,p) Levels

70-Yb-153

0 Kelvin Cross Sections



(d,p)

Incident Energy (MeV)

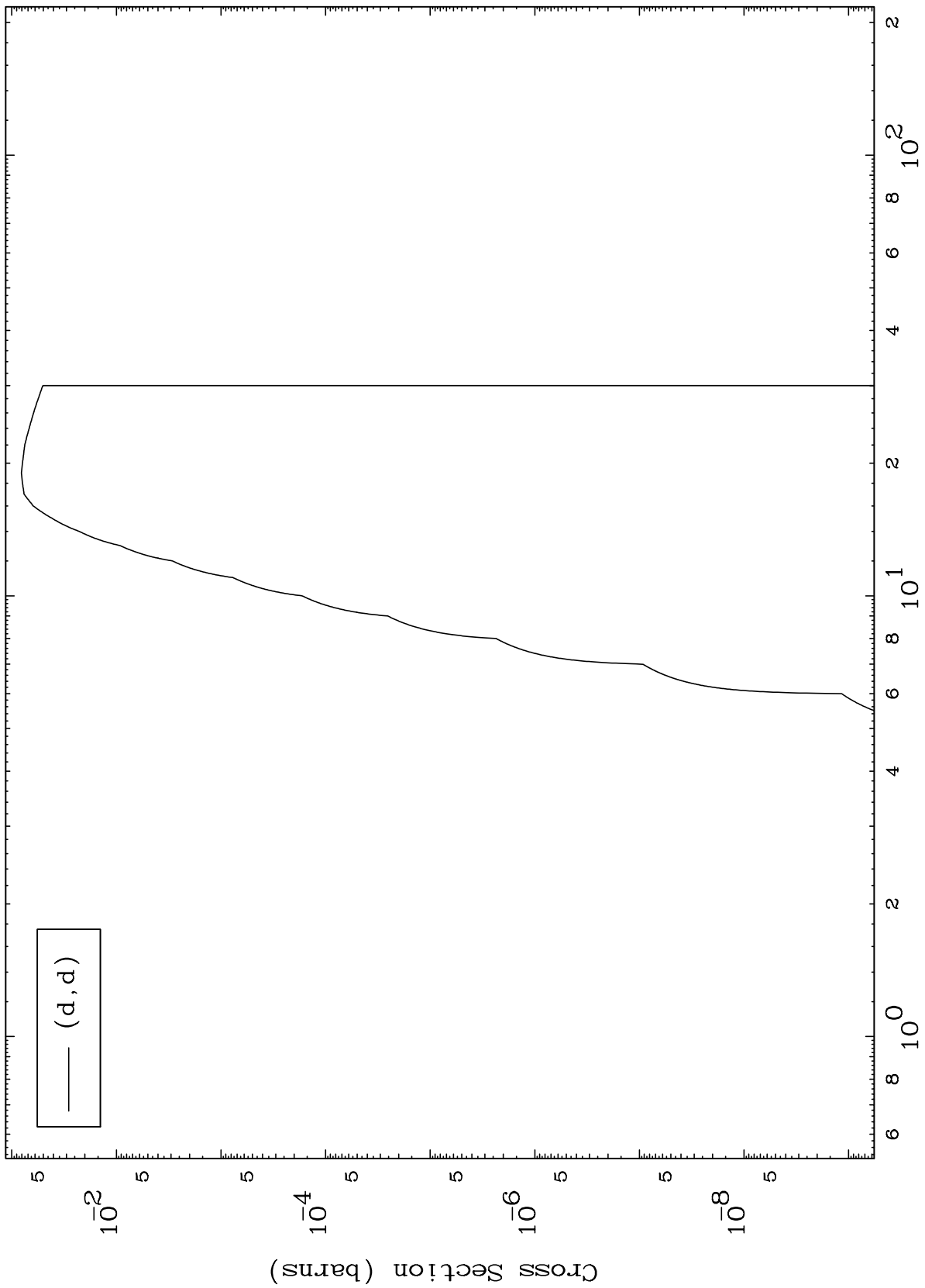
70-Yb-153

MAT 6980

(d,d) Levels

70-Yb-153

0 Kelvin Cross Sections



7

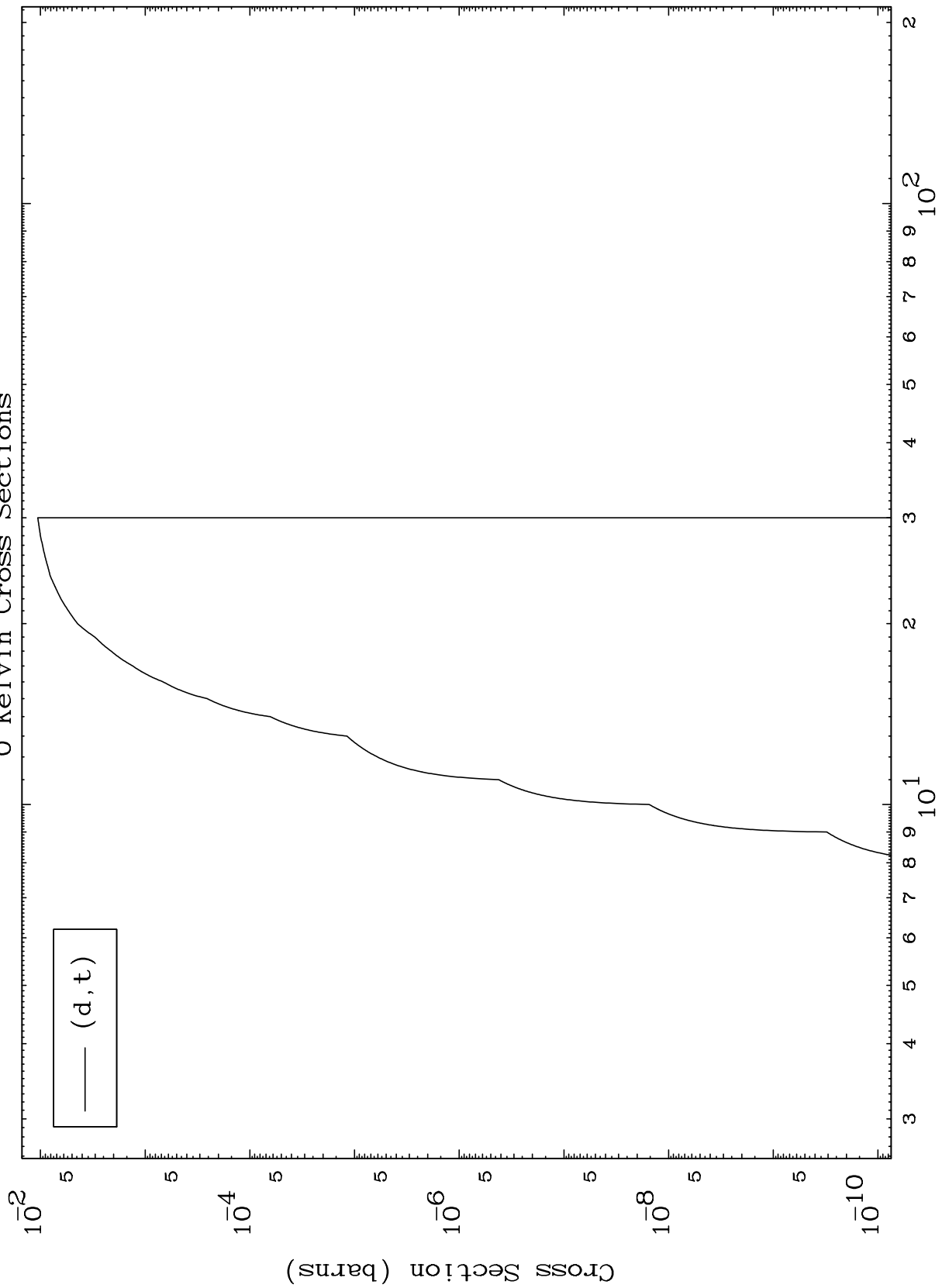
Incident Energy (MeV)

70-Yb-153

MAT 6980

70-Yb-153

(d,t) Levels  
0 Kelvin Cross Sections

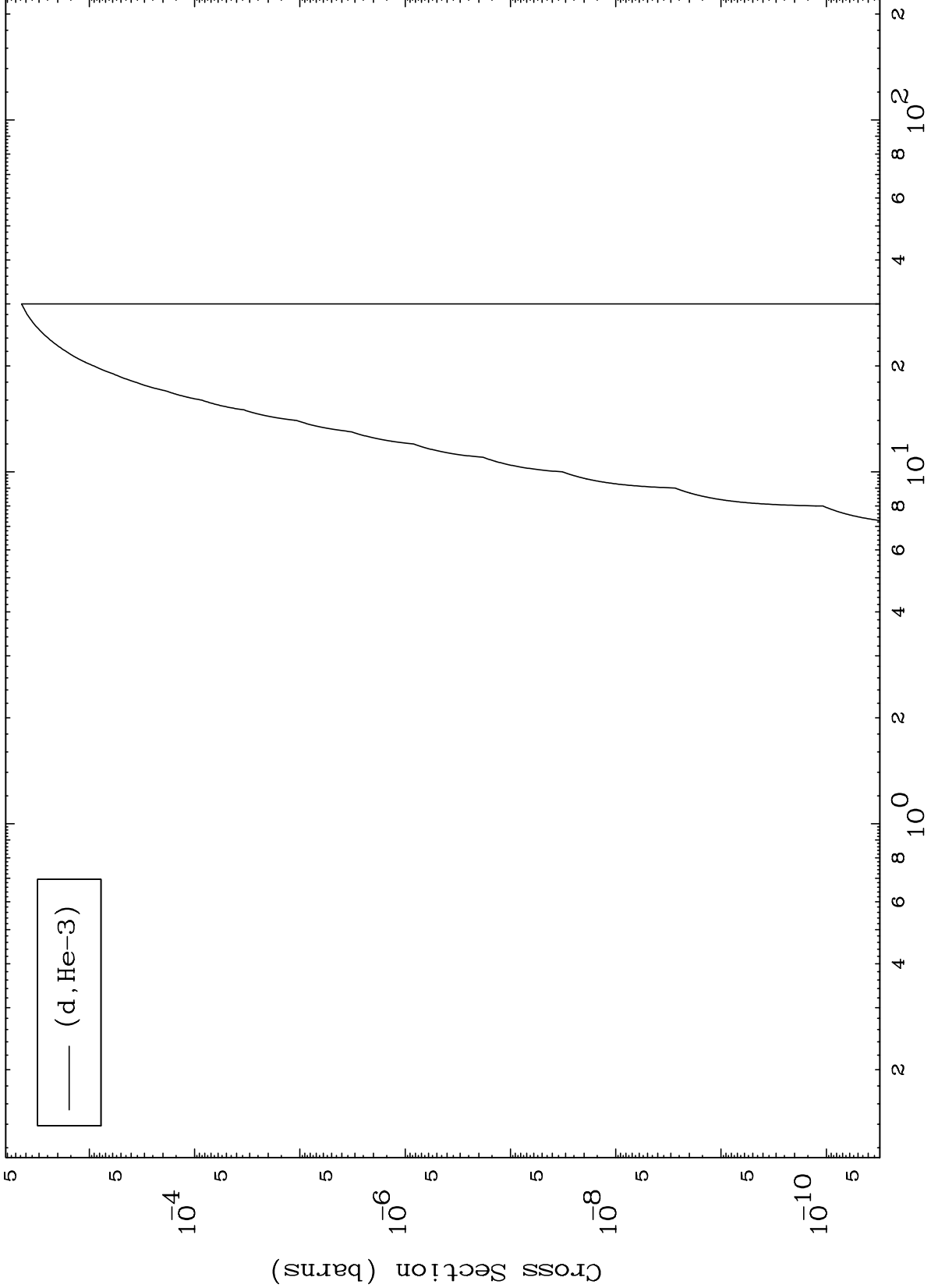


MAT 6980

(d,He3) Levels

70-Yb-153

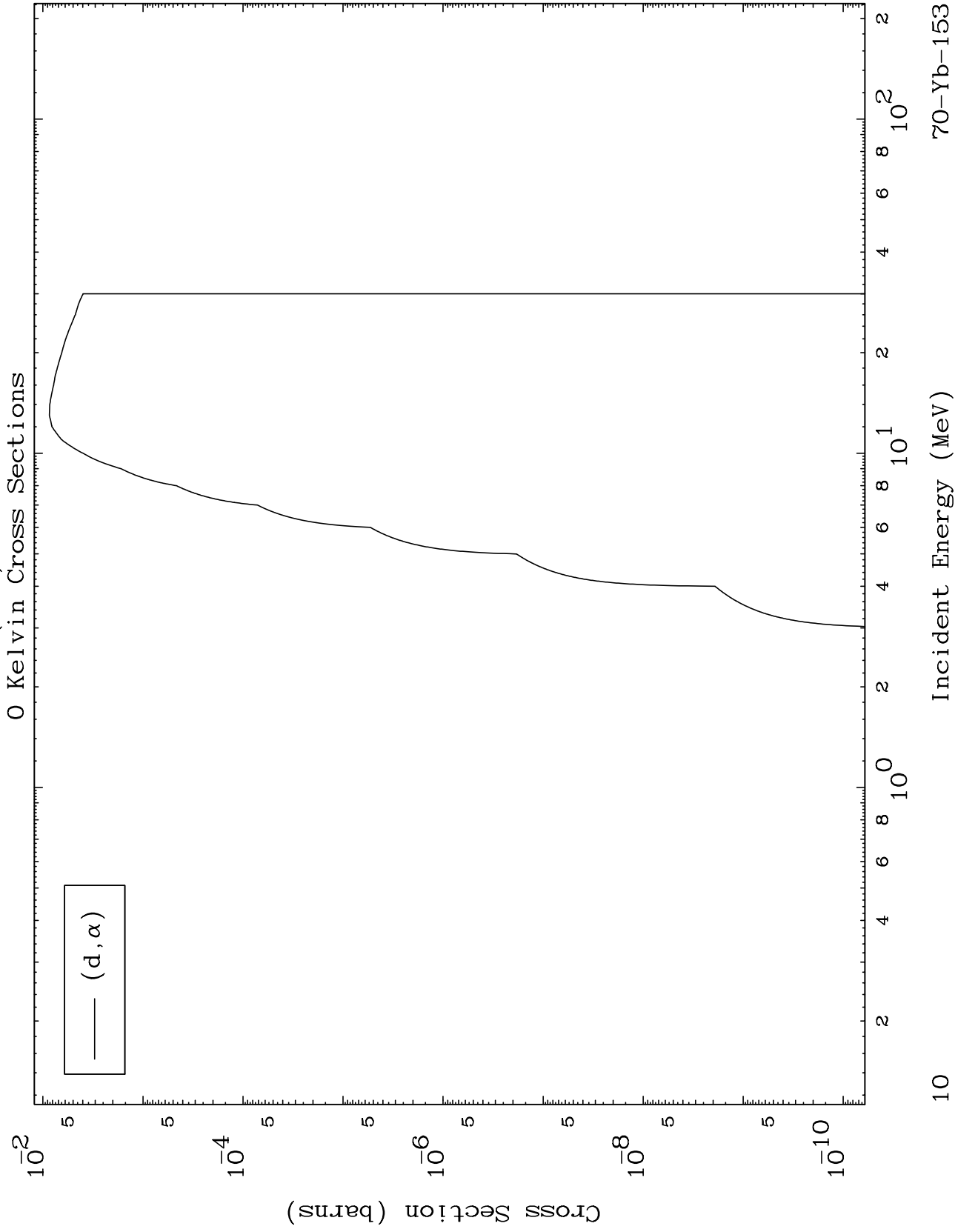
0 Kelvin Cross Sections



MAT 6980

(d,  $\alpha$ ) Levels

70-Yb-153

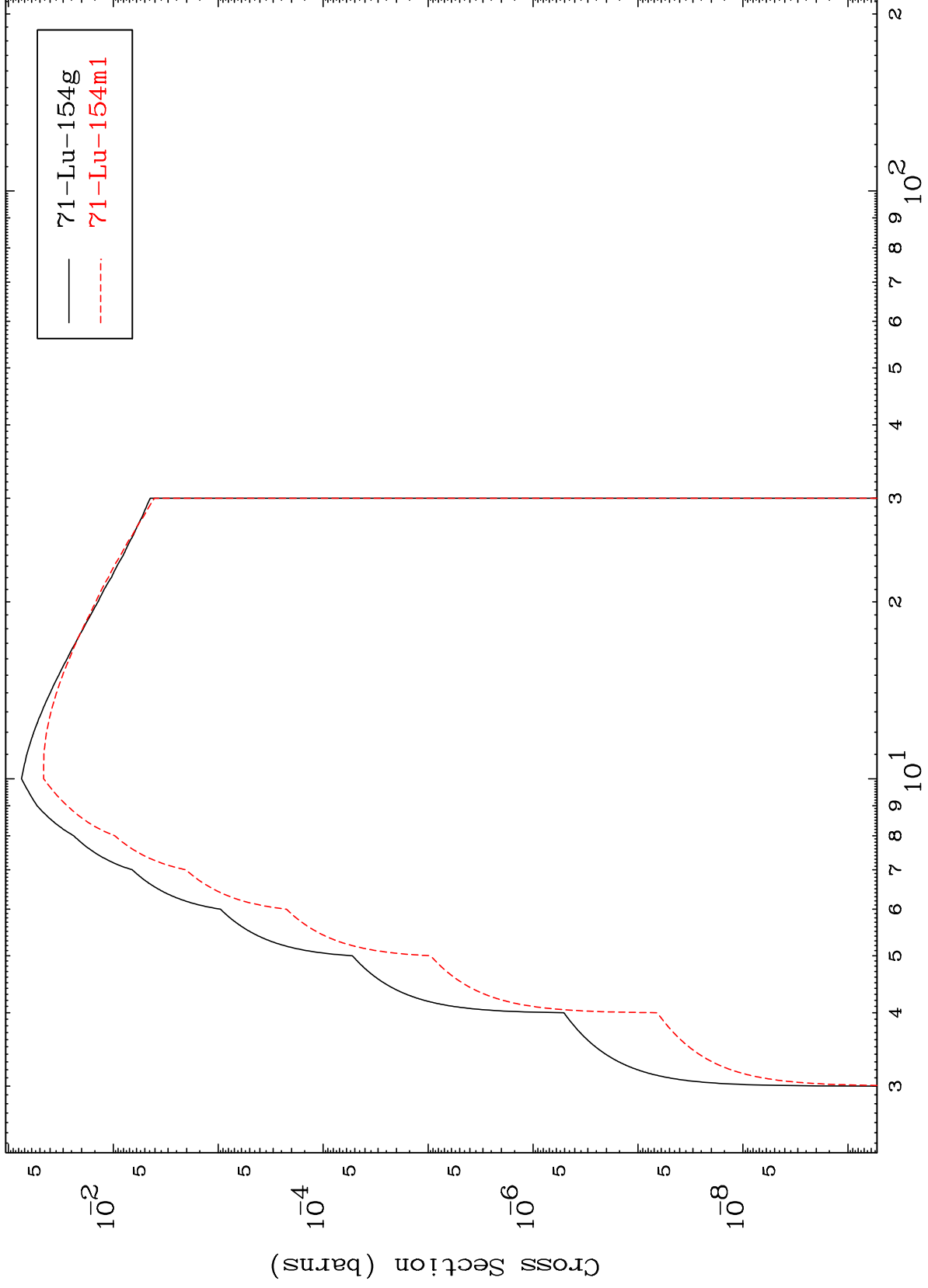


10

Incident Energy (MeV)

70-Yb-153

Radionuclide Production Cross Section

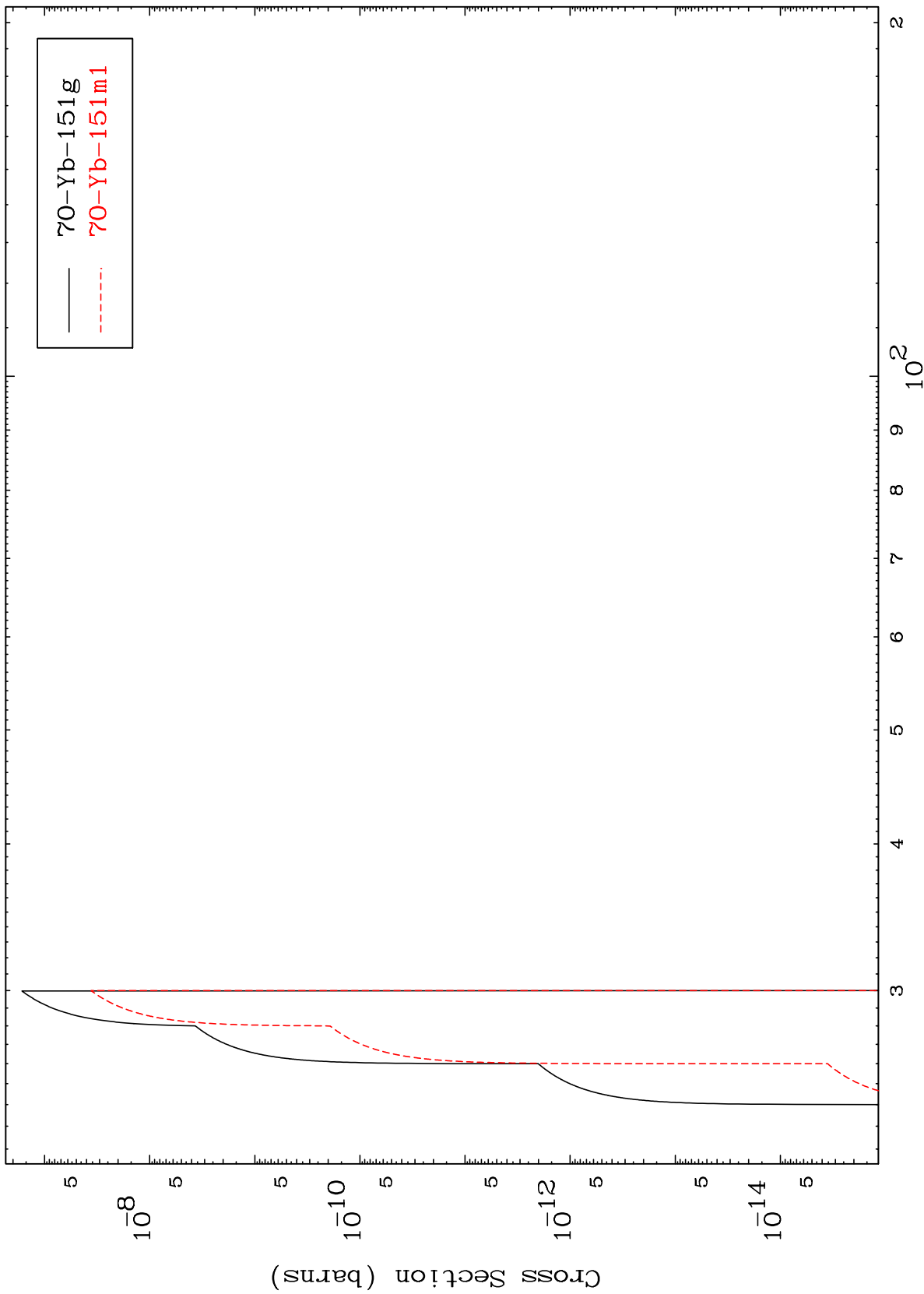


MAT 6980

(d,2n) d

70-Yb-153

Radionuclide Production Cross Section



12

Incident Energy (MeV)

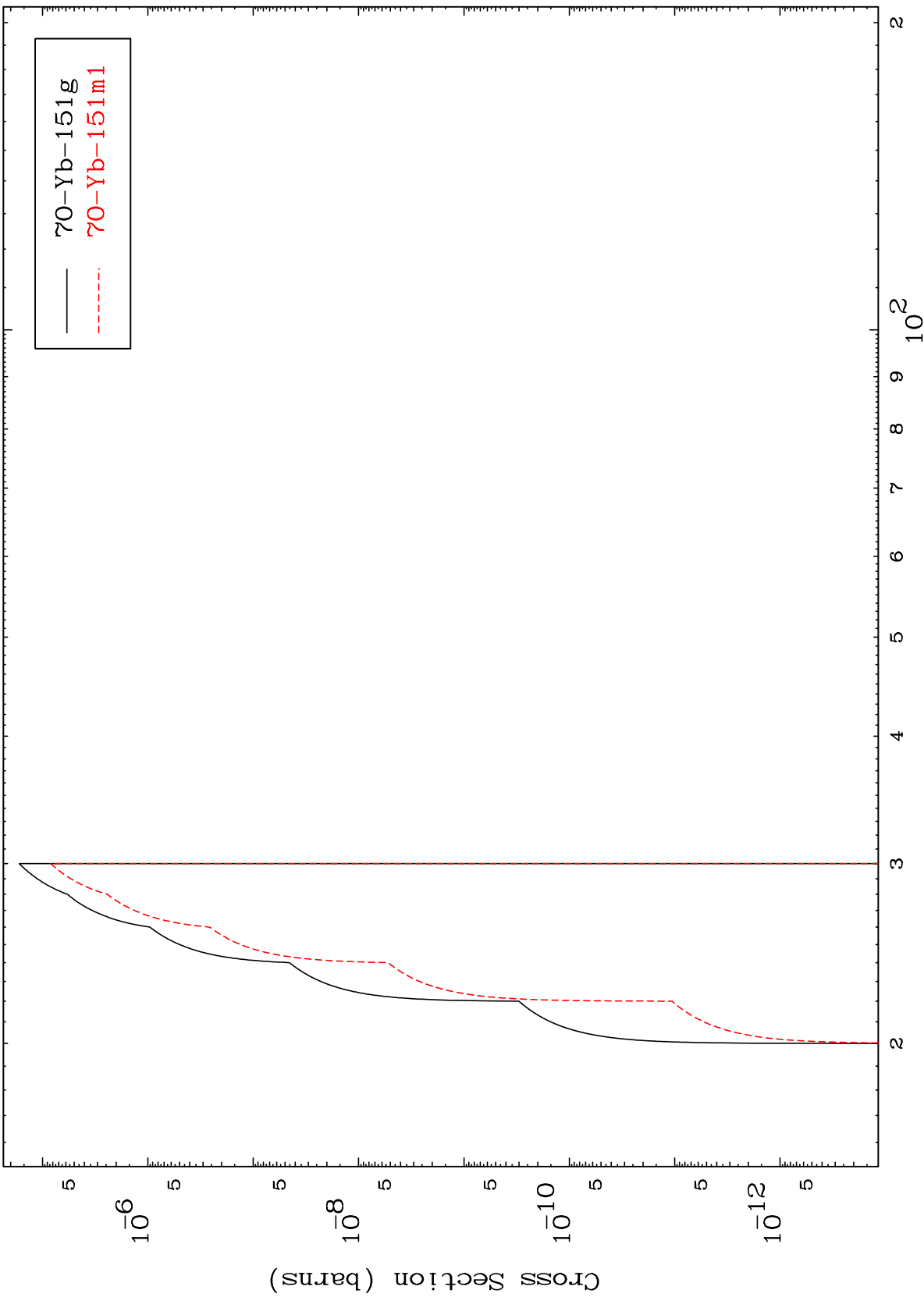
70-Yb-153

MAT 6980

(d,n') t

70-Yb-153

Radionuclide Production Cross Section



13

Incident Energy (MeV)

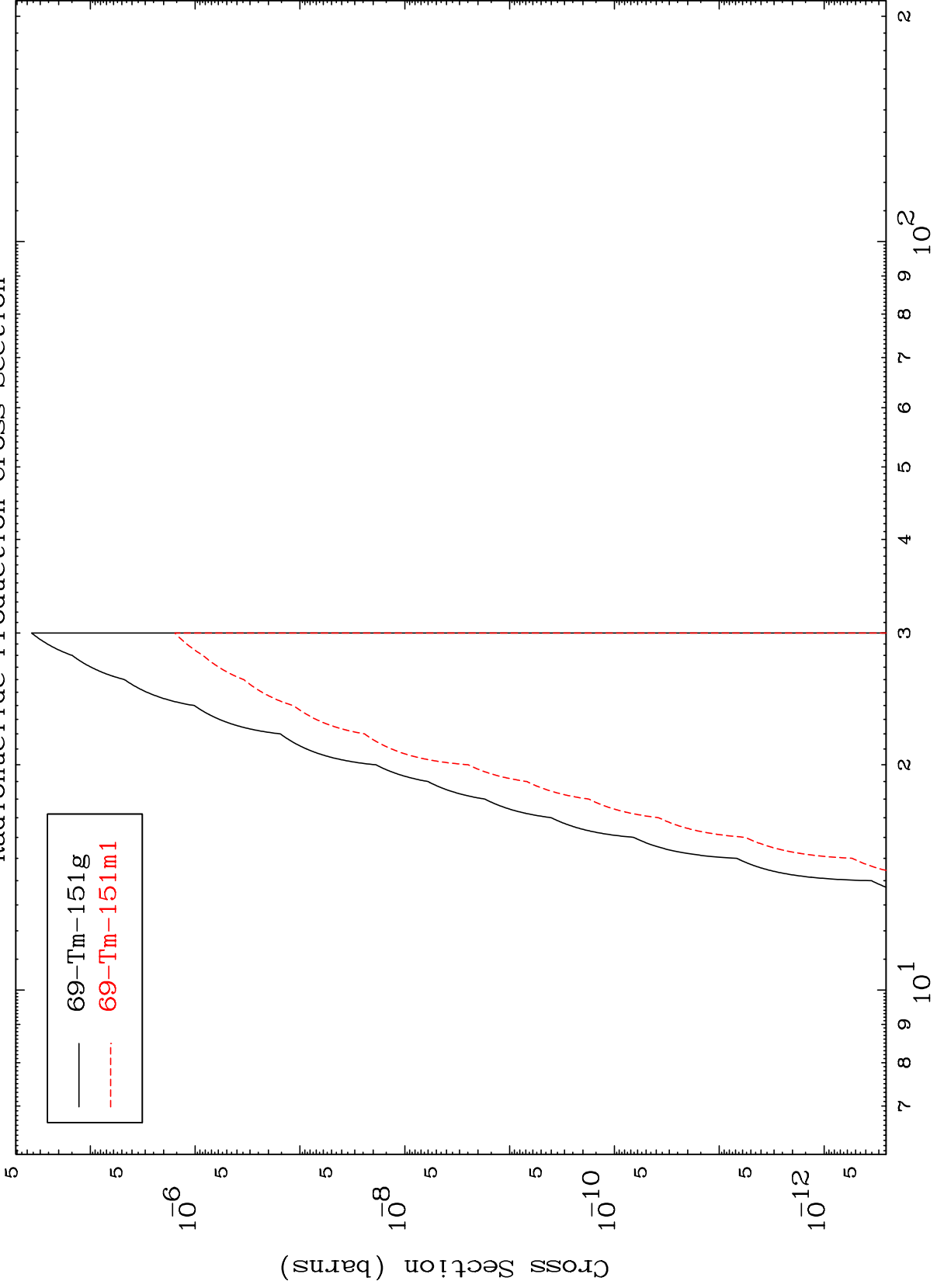
70-Yb-153

MAT 6980

(d,n') He-3

70-Yb-153

Radionuclide Production Cross Section



14

Incident Energy (MeV)

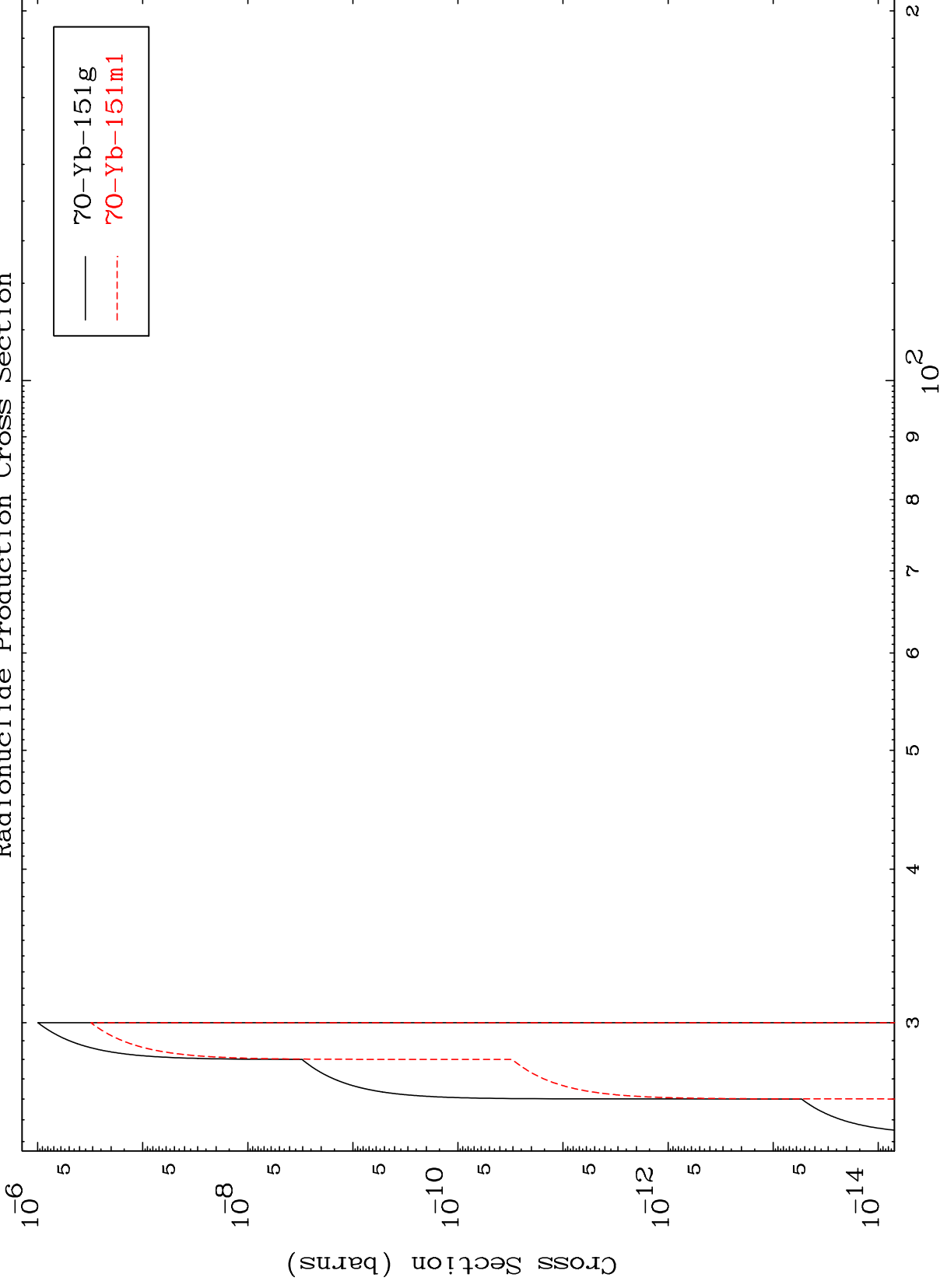
70-Yb-153

MAT 6980

(d,3n) p

70-Yb-153

Radionuclide Production Cross Section



15

Incident Energy (MeV)

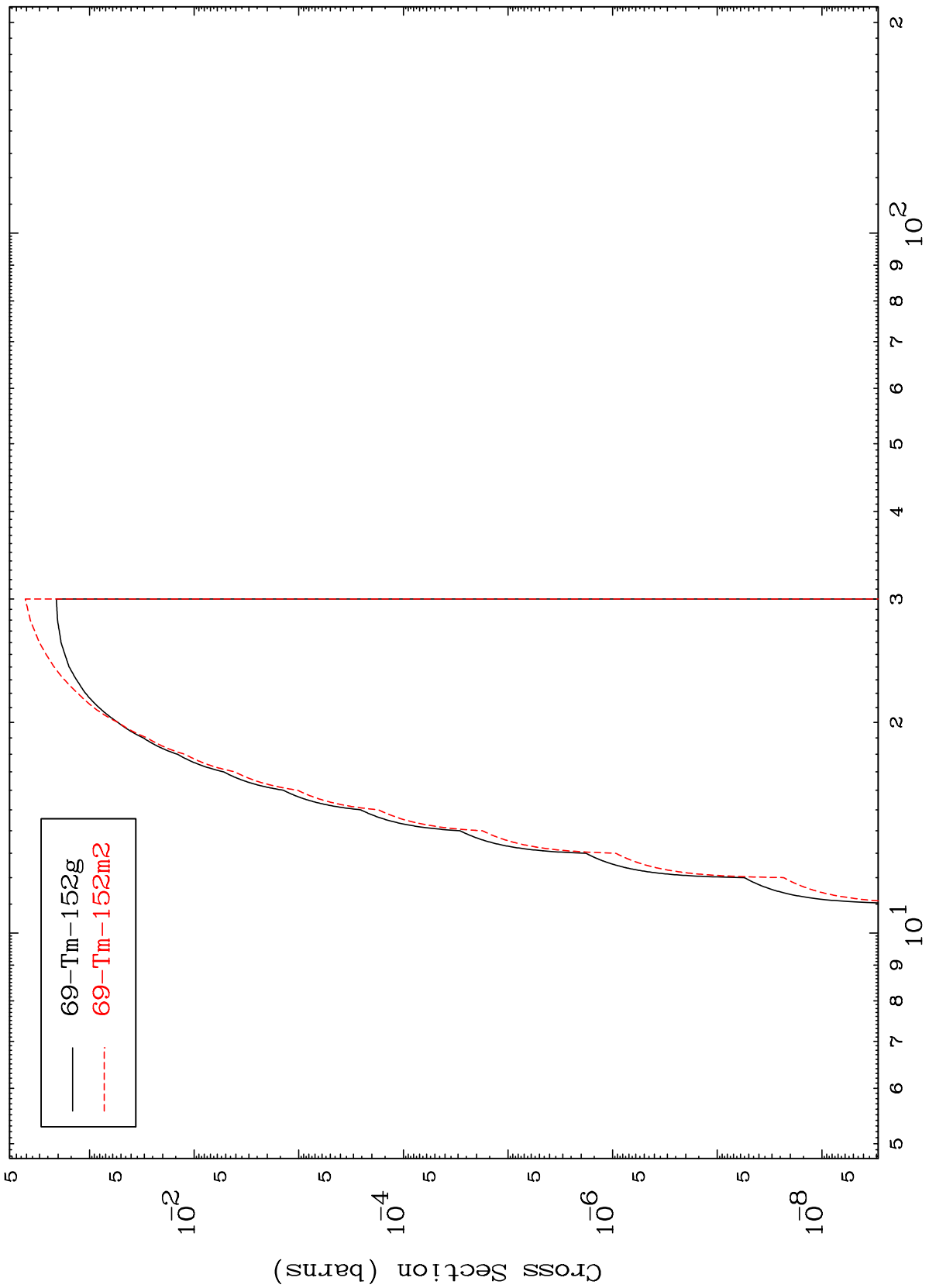
70-Yb-153

MAT 6980

(d,2n) p

70-Yb-153

Radionuclide Production Cross Section



16

Incident Energy (MeV)

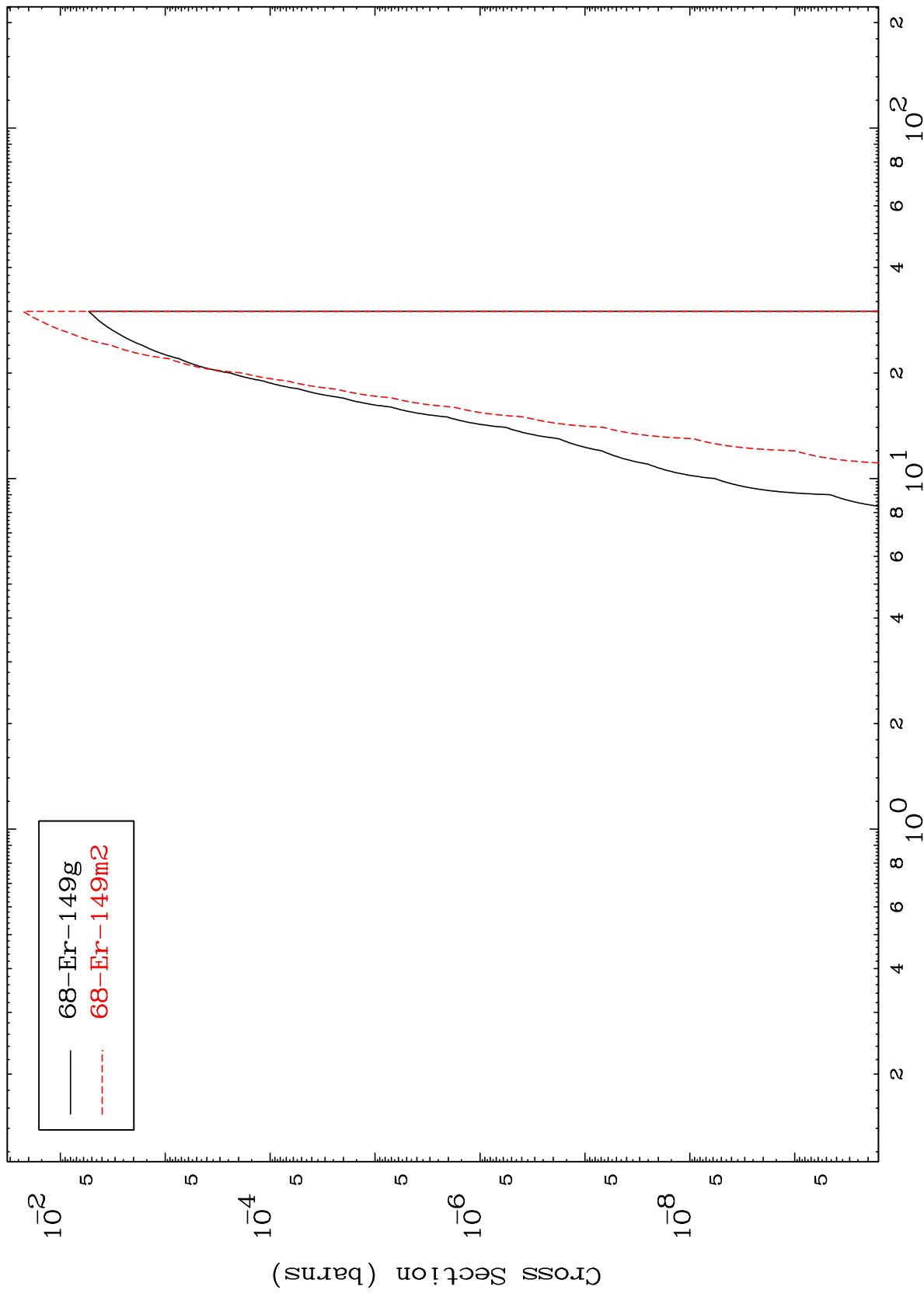
70-Yb-153

MAT 6980

(d,n') p  $\alpha$

70-Yb-153

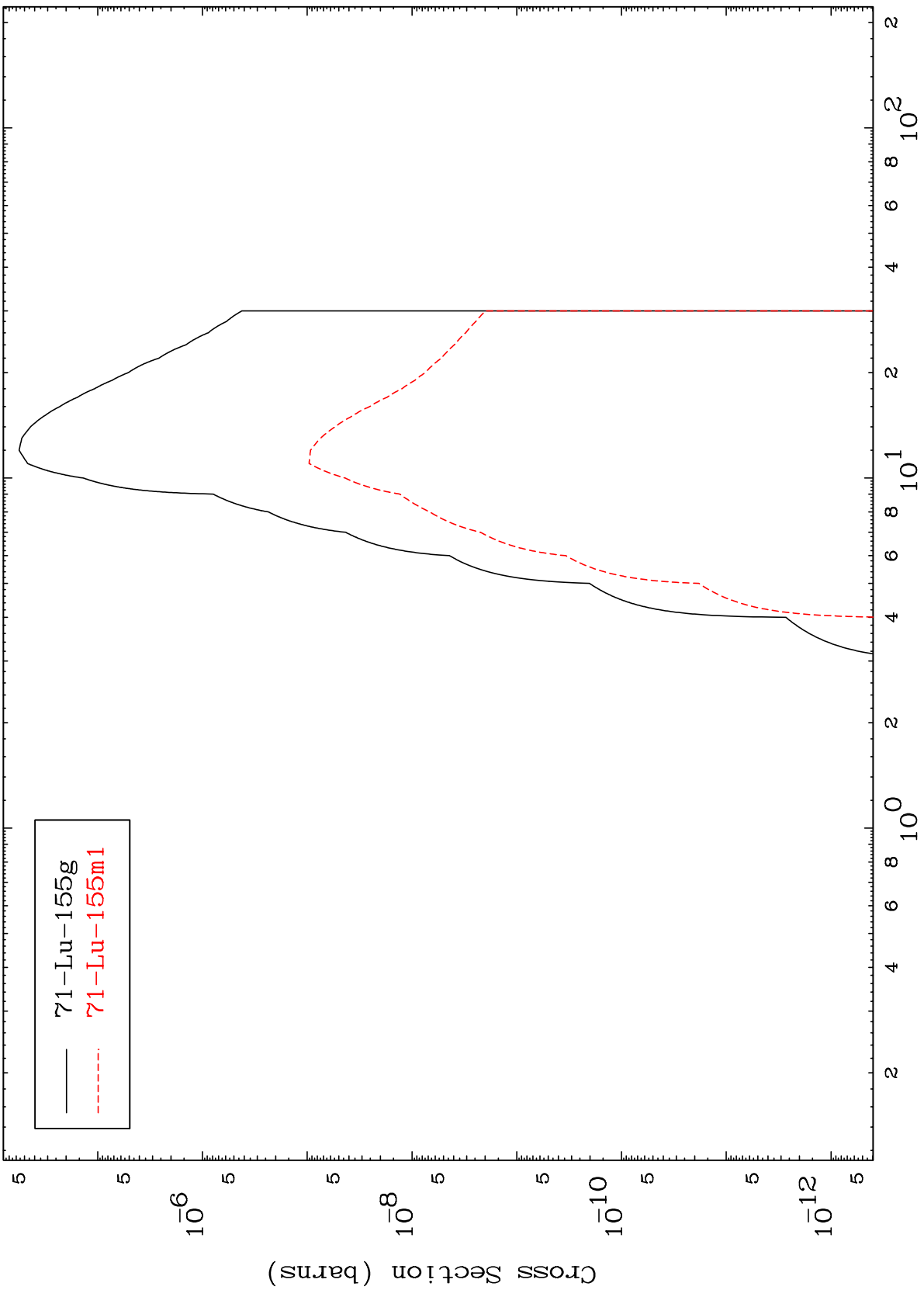
Radionuclide Production Cross Section



MAT 6980

70-Yb-153

(d,  $\gamma$ )  
Radionuclide Production Cross Section



— 71-Lu-155g  
- - - 71-Lu-155m1

70-Yb-153

Incident Energy (MeV)

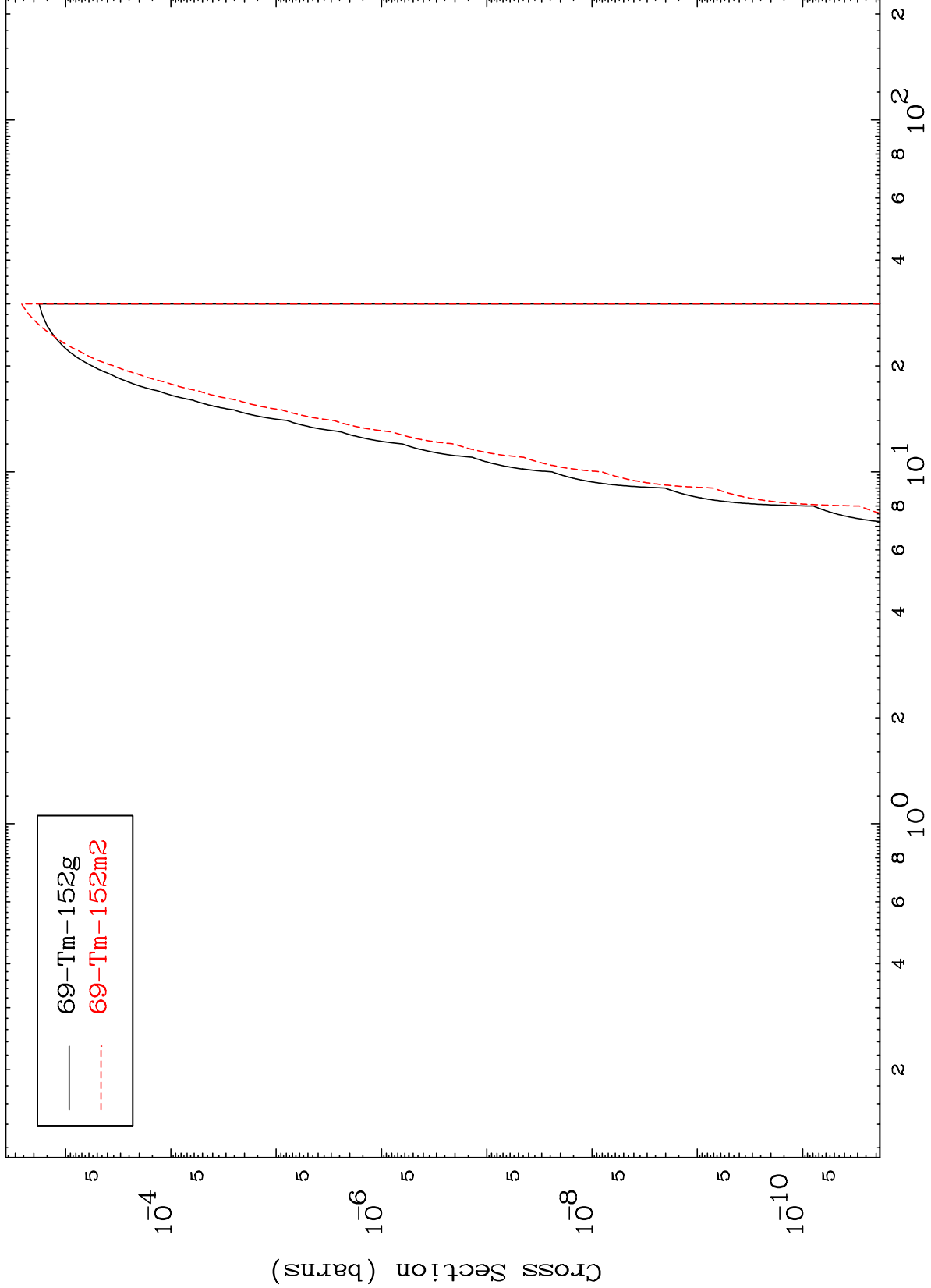
18

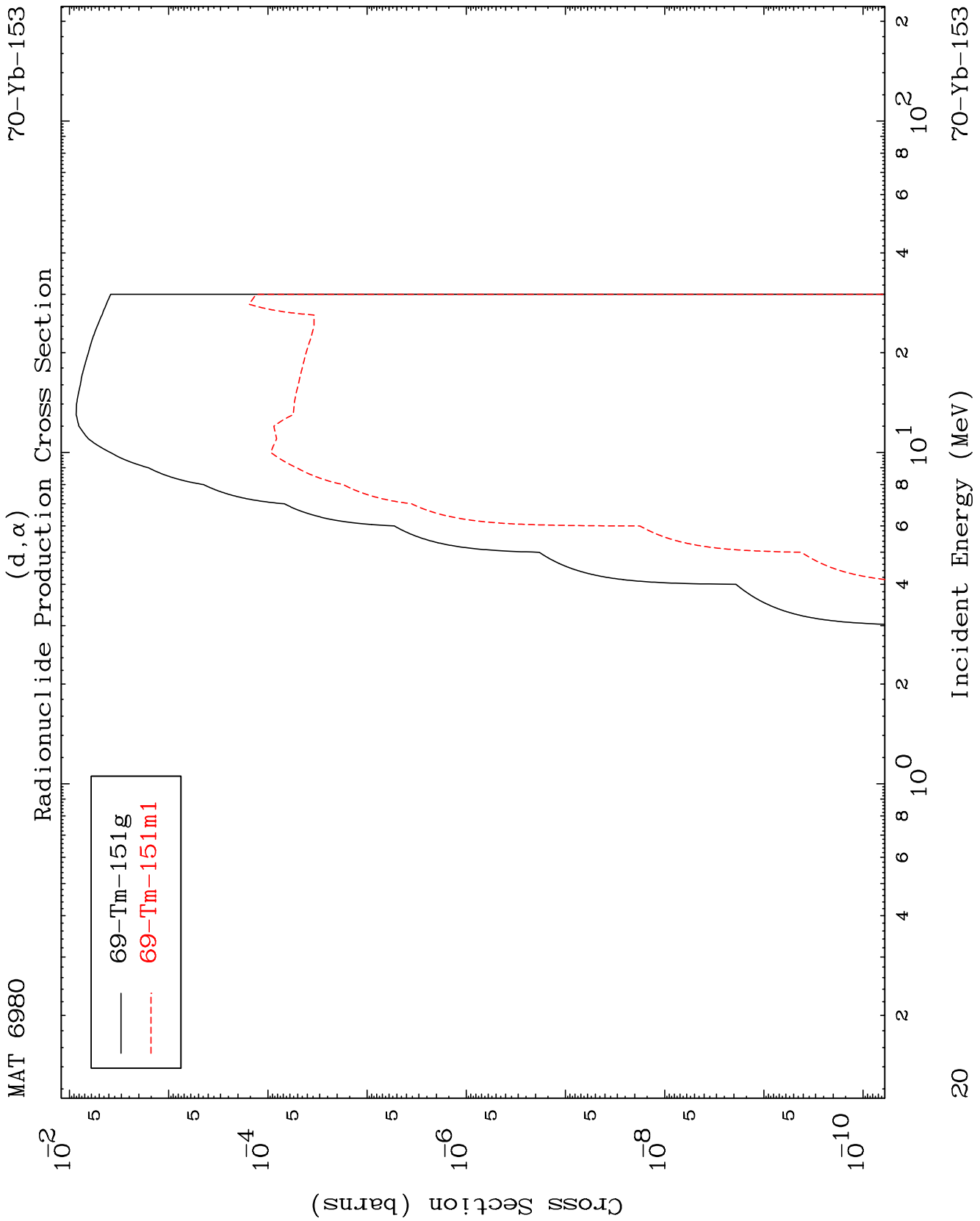
MAT 6980

(d,He-3)

70-Yb-153

Radionuclide Production Cross Section



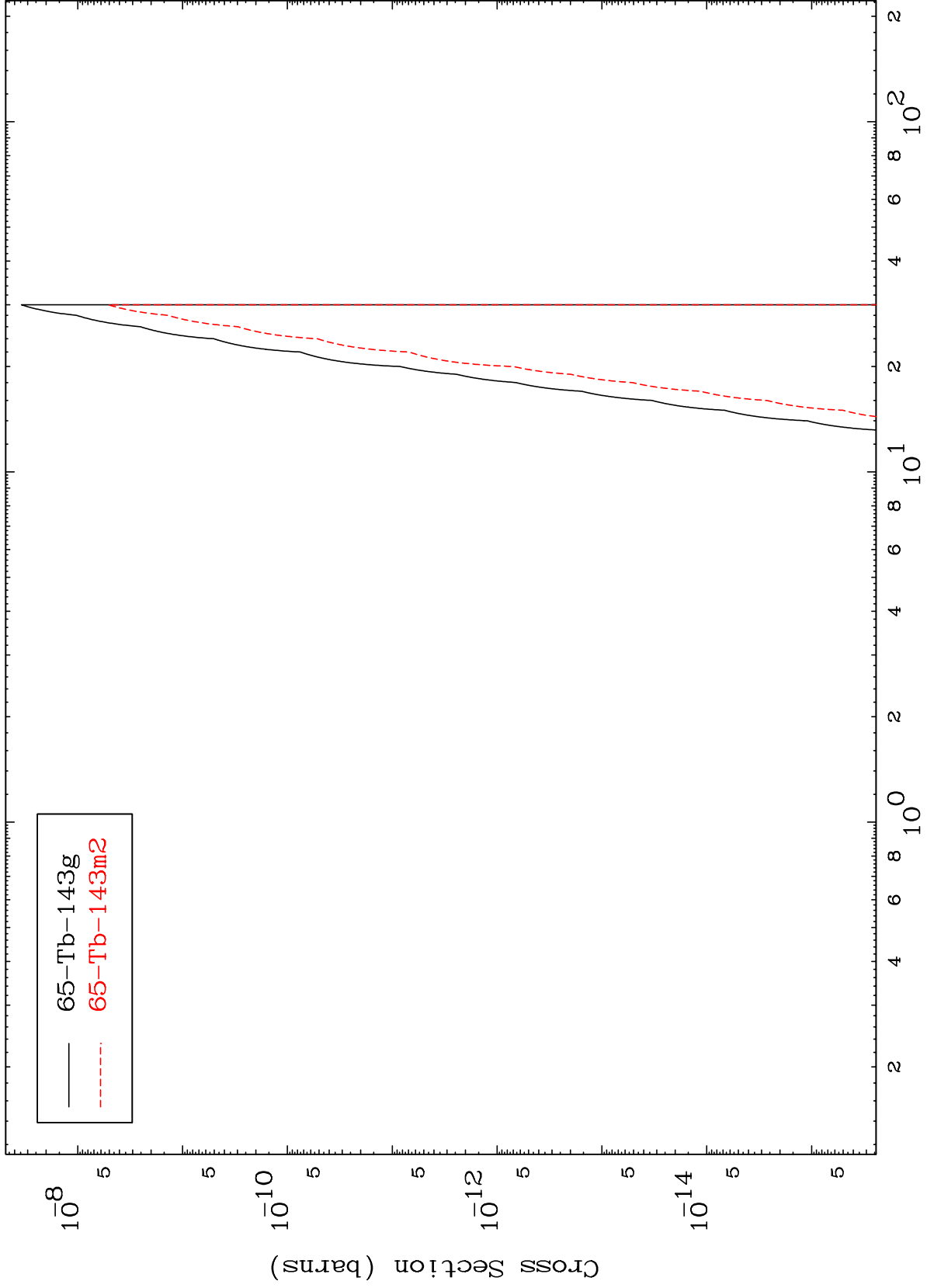


MAT 6980

(d,3 $\alpha$ )

70-Yb-153

Radionuclide Production Cross Section

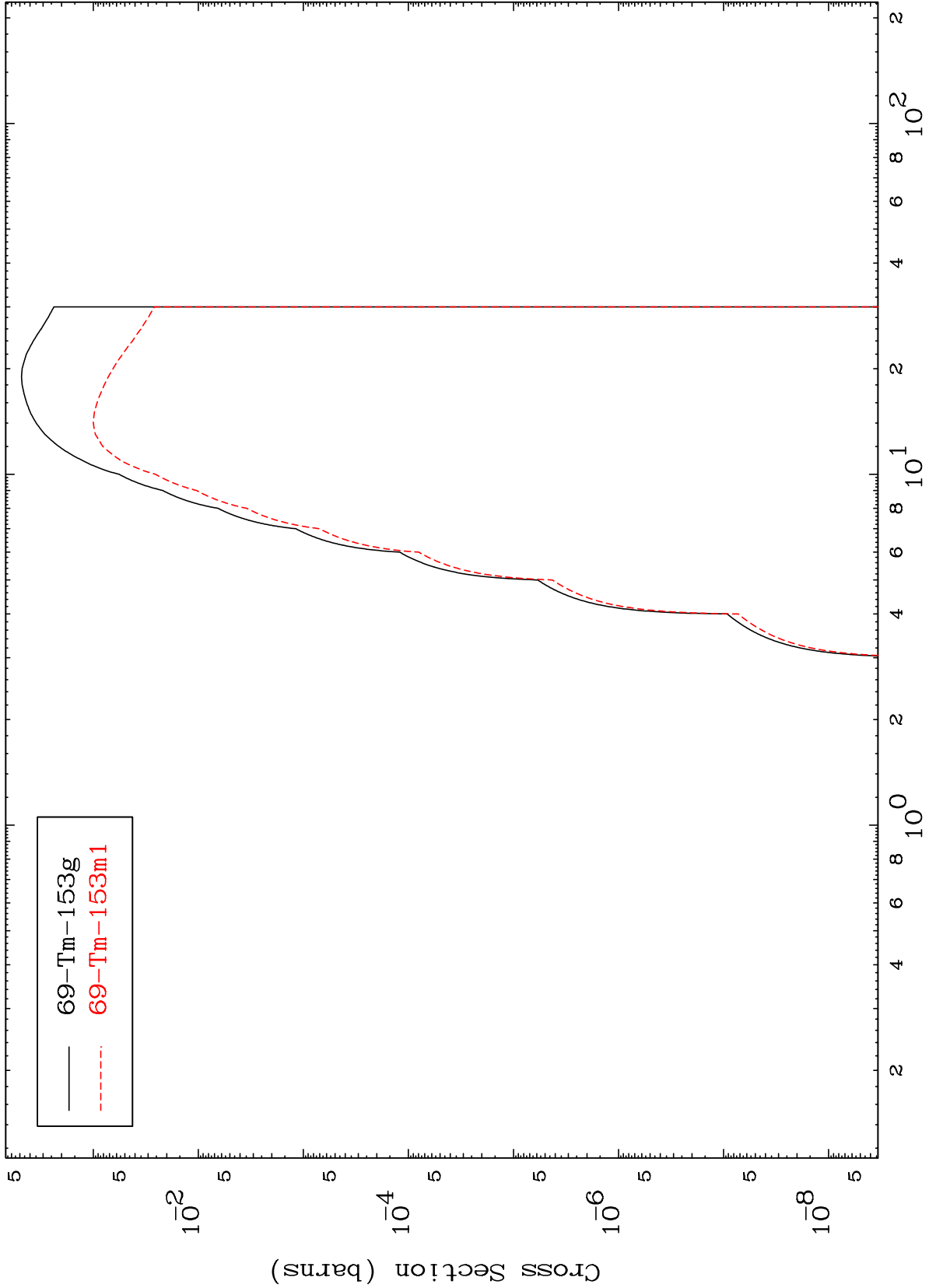


MAT 6980

(d,2p)

70-Yb-153

Radionuclide Production Cross Section



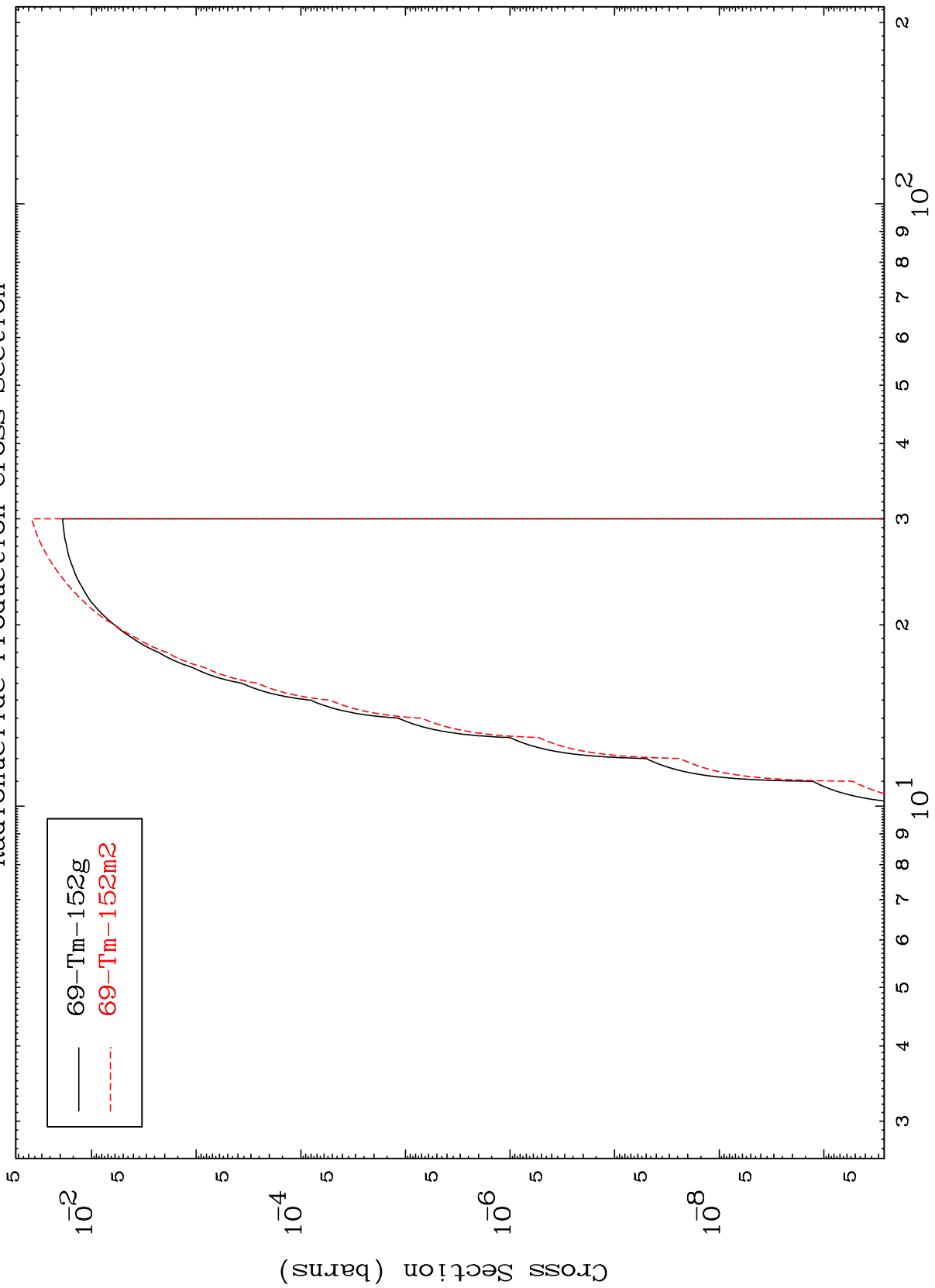
69-Tm-153g  
69-Tm-153m1

MAT 6980

(d,p) d

70-Yb-153

Radionuclide Production Cross Section



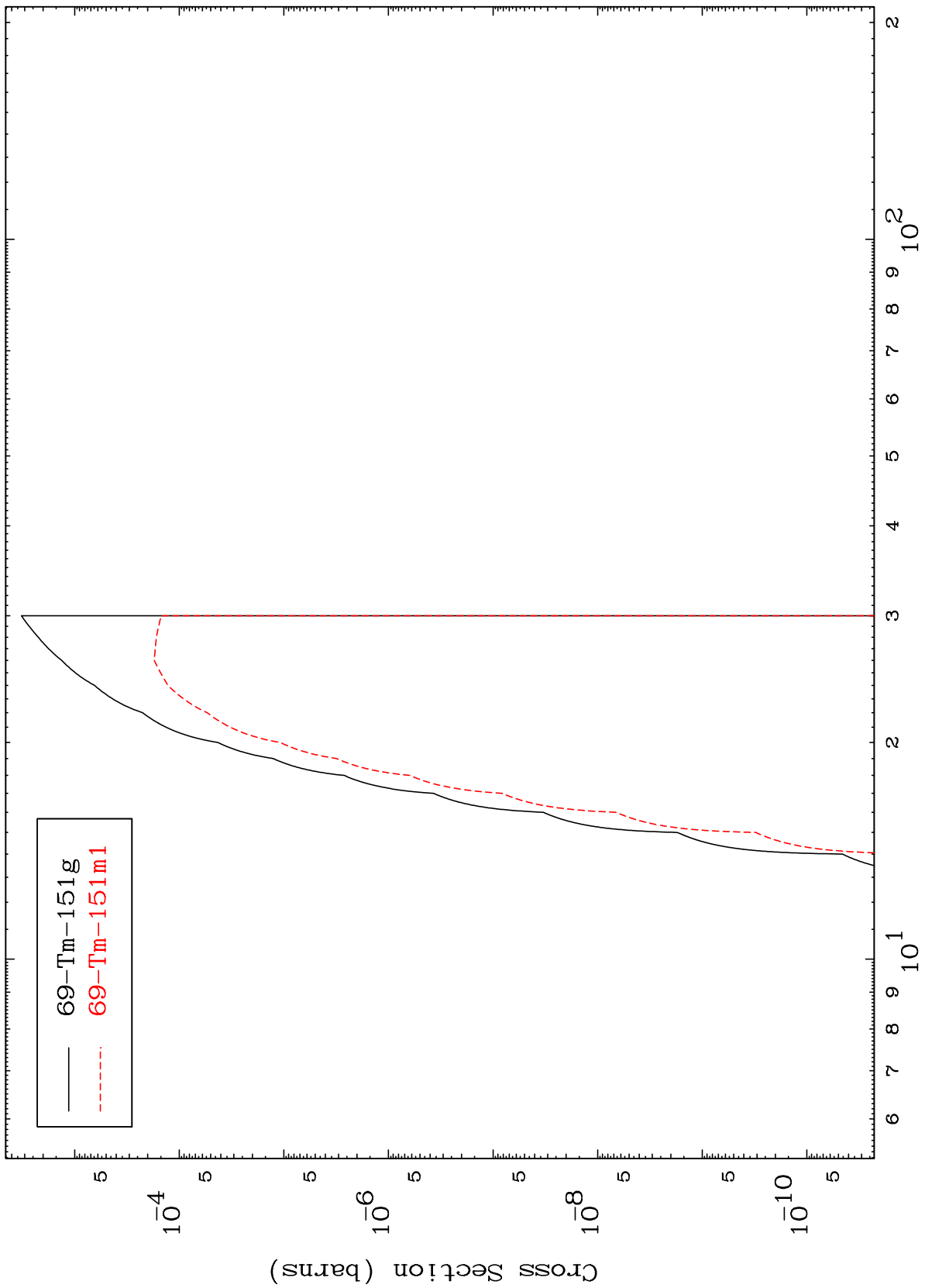
69-Tm-152g  
69-Tm-152m2

MAT 6980

(d,p) t

70-Yb-153

Radionuclide Production Cross Section



24

Incident Energy (MeV)

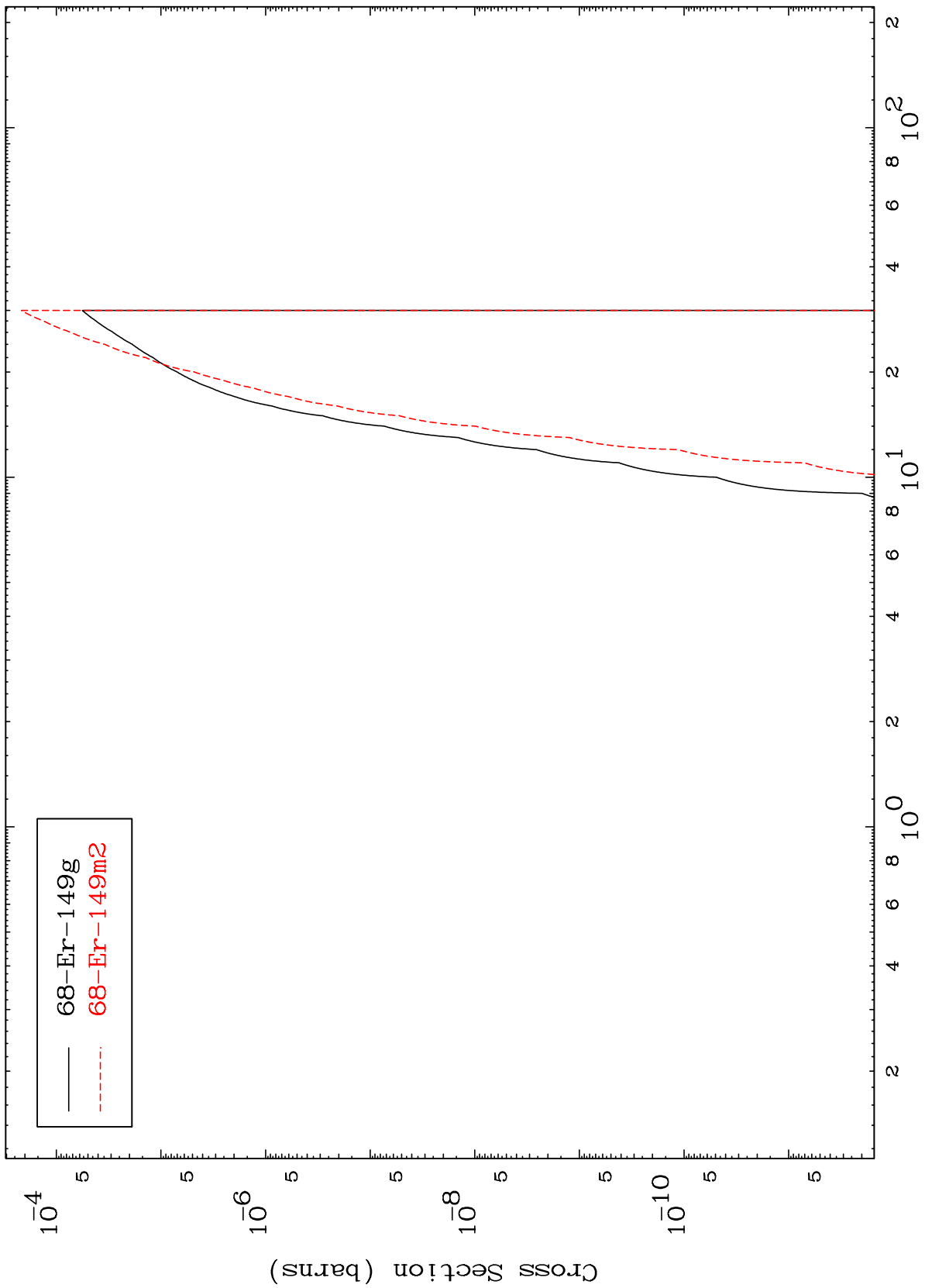
70-Yb-153

MAT 6980

(d,d)  $\alpha$

70-Yb-153

Radionuclide Production Cross Section



68-Er-149g  
68-Er-149m2